Information Systems Security Association
The Global Voice of Information Security

Kansas City ISSA Newsletter

Volume 38, Issue 1 November 2016

December 15, 2016
Joint ISSA/ISACA
FBI Agent, Jeff Lanza
Hereford House

Inside this issue:

The President's Corner

Hello ISSA Kansas City Members!

Hope you all enjoyed last months' presentation on "How Secure Are Multi-Word Random Passphrases" by Bruce. His presentation is on PasswordResearch.com. Please let us know your thoughts on any topics you would like to see, or feedback on past presentations via secretary@kc.issa.org. On December 15th we will have our joint meeting with ISACA.

ISSA KC yearly elections are underway! Please vote now! **voting link**. If you are interested in getting involved as officer, mentor, and volunteer or like to be part of our committee please reach out to me.

Did you know that ISSA has Special Interest Groups, like Security Awareness, Women in Security, Healthcare and Financial? The following is the link for details **SIG**. Are you looking to advance your career? The ISSA Career Center offers a listing of current job openings in the InfoSec, assurance, privacy, and risk fields. Visit the Career Center to look for a new opportunity, post your resume or post an opening.

Happy Thanksgiving! May you and your family be safe during the holidays.

Sincerely,
Naeem Babri
President, ISSA Kansas City

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Upcoming ISSA-KC Monthly Chapter Meeting Schedule

December 15, 2016 ***Joint ISSA/ISACA*** Hereford House	*January 26, 2017* ***Intelisecure*** *Risk Management* Brio	February 23, 2017 **Absolute** Data & Device Security Solutions Hereford House

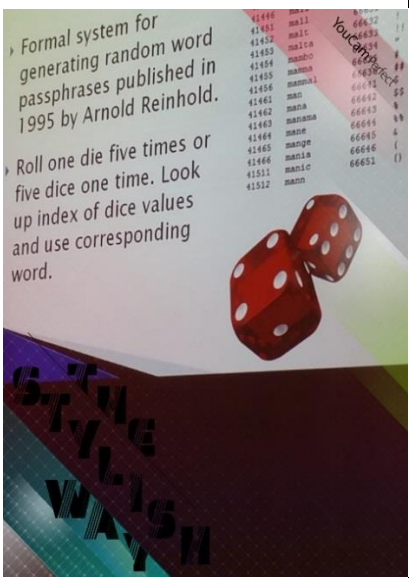
ISSA Chapter Meeting October 2016 Recap

On October 27, 2016 the ISSA-KC Chapter members and other security professionals held a meeting at Lidia's Italy Restaurant to network and attend the monthly chapter meeting, with presentation topic. Bruce Marshall, discussed passphrases in the style of XKCD 936 or Diceware have gained popularity, but are they secure enough and practical to use? He stated it seems like a good compromise between security and memorability, but why then did Bruce Schneier say using them is "no longer good advice"? In this meeting Bruce Marshall investigates popular passphrase generation schemes, and examined the characteristics that determined the passphrase strength. He also reviewed whether the average person finds these passphrases easier to use than passwords, and if they're practical to use in most cases.. Great turn-out 27 members attended.

Winners for Oct luncheon meeting

Congratulations to Rochelle Boyd for winning the ISSA give away of a $50.00 Visa gift card (left) and Rob Edwards for winning the Lidia's Gift Bag (right).

Photos from the October meeting



ISSA International Conference 2016 – Dallas, TX

Naeem Babri and Cheryl Cooper attended the two day ISSA International conference. During the two day event it was an amazing conference with a diverse number of vendors in the exhibit hall. There were 700 plus attendees from across the United States and internationally, from Canada, Sweden, Bangladesh, France and Italy etc. Meeting other attendees was a highlight of the event, discussing what other chapters are doing to grow membership to increasing their presence in the community. Some of the topics that were interesting and resonated with me was the keynotes on the "cloud", protecting the infrastructure from the perimeter to virtualized data centers.

The keynote on "Building a Security Program that Succeeds" discussed strategies for building security programs, mitigating top risk, and decision making across the business. Other areas of interested discussed and presented were on application security, incidence response, laws and regulations, preventing ransomware, and business skills required to be a successful CISO.

In addition, trendy topics presented were the Cyber underground, criminal underground activity, and the current state. Security management must turn into risk management. Elements of security management program were presented. The most noted essential elements are; (1) the right security leader, (2) company support, (3) a plan and a strategy, and (4) security organization company wide.
An important strategy presented is to spend budget on the things that will reduce risks. Along these same lines is just performing a security scan or penetration testing is not a risk assessment. One has to analysis the results and assess the risks.

Data accounts for 70 percent of a company's value. Therefore, to be successful you must identify where the jewels reside. Another hot topic presented and discussed was the need for a "Framework" for a successful security program. Frameworks provide structure, and are tied back to regulations. It should be noted that PCI and HIPPA are not frameworks. They are standards or Acts. And regulations are not a framework, regulations are tied back to frameworks. To create a tailored solution, many organizations are selecting controls from different frameworks to suit their specific risk profile, requirements and resources. Frameworks discussed at the ISSA 2016 conference:

- National Institute of Standards and Technology (NIST) 2016 Cyber Security Framework
- ISO 27001/2 Information Security Management System
- COBIT 5
- NIST 800-30: Risk Management
- NIST 800-53: Federal Information Systems Management Act (FISMA)

We look forward to sharing with you what we learned from other ISSA chapters from around the world, and how we look to expand the ISSA KC presence in our local communities. For more information on the ISSA International 2016 Conference in Dallas go to the ISSA International website at http://www.issa.org/default.asp?

ISSA KC Happy Hour November 2016 – La Bodega

Area security professionals met at La Bodega for a two hours of fun-packed fun and good conversation. Congratulations to Steve Nelson for winning the wireless speaker. Thank you for joining the Networking/Happy Hour at the La Bodega.

Security/Privacy Corner

Black Friday 2016 survival guide: How to avoid scams and the top retailers to watch.

By James Rodger, October, 2016

The time is fast approaching - and Black Friday is almost upon us.

Shoppers can take advantage of a huge range of Black Friday savings this year, with high street retailers, supermarkets and online retail giants all getting in on the act. To help you combat the stress of queuing and scouring the web, we've compiled a handy list of everything worth knowing about. The one-day-only shopping phenomenon racked up record sales across the country last year.

The last Friday in November and the following Monday traditionally see the launch of pre-Christmas sales with many retailers offering hefty

discounts. But, as shoppers search for the best bargains, many end up falling prey to online con artists touting eye-catching online offers that turn out to be bogus.

How to shop safe online

1. If possible, buy from internet traders you know and trust
2. For unknown traders, search for reviews online or check out their customer ratings
3. Make sure the trader has a genuine address and landline number you can contact them on if things go wrong, not just an email address
4. You have very few rights if you buy from a private seller, as opposed to a trader
5. You have a 14 day cooling off period to change your mind and return/cancel most goods or services purchased online from a UK or EU trader
6. You can return faulty or mis-described goods free of charge to a trader, but you may have to pay to return goods if you simply change your mind
7. Always use a secure form of payment to pay for goods or services, for example PayPal. Never simply transfer money
8. Don't enter your card details in to a website unless it is secure. Look out for the padlock sign and 'https' in the web address
9. For purchases over £100, if you have a credit card consider using it for the purchase to give you extra consumer protection
10. There are many bogus websites selling counterfeit branded goods and charging genuine prices.

How to find the best black Friday deals

Here's a quick breakdown of the best places to look for deals below too:

- Best for kids' toys ... Argos, Smyth's Toys, Toys R Us and Tesco will launch deals on coveted kids' toys ranging from Disney's Frozen dolls to the latest Star Wars light sabre.
- Best for electricals ... Head to major online retailers like Amazon and Argos as well as supermarket giants Tesco and Sainsbury's for some big savings on household electricals, home entertainment items and kitchen appliances.
- Best for laptops ... Curry's/PC World, John Lewis and eBay will slash prices.
- Best for fashion ... For the ladies fashion staples Topshop, ASOS, New Look and River Island will launch sales for Black Friday. Likewise, blokes can also make some savings with Topman and Burton.

To read more great tips on top retailers and avoiding scams click on the URL, http://www.coventrytelegraph.net/whats-on/shopping/black-friday-2016-survival-guide-12057681

Certification Corner

New!!!

ISSA-Kansas City - Introduction to Ethical Hacking - Dec 10th

Ethical hacking is the concept of simulating a malicious actor with the intention of strengthening the security posture of an application or system rather than true malevolent intent. This introductory course in ethical hacking will explore the general steps taken by hackers to better understand a attack sequence. Participants will be familiarized to with several concepts outlined in both the Certified Ethical Hacker study guide as well as the Lockheed Martin (LM) Intrusion Kill Chain. Merging these two methodologies together will provide a more complete understanding of how hackers compromise systems and the potential cybersecurity controls which need to be evaded during an attack sequence. As part of the learning experience, attendees will participate in hands-on lab activities utilizing various tools used by hackers to coincide with some of the topics presented.

While this course is not intended to prepare attendees for the CEH certification exam, it will provide a basic understanding for several of the associated topics. The course is targeted toward individuals who are new to the concepts

of ethical hacking and wanting to expand their understanding of a cyber-attack sequence in order to better protect their organizations from such threats.

Presenter Bio: Donny Hubener is currently a manager over an internal vulnerability management team for a major US based Telecommunications corporation. Donny has 10 years of hands-on dedicated experience as a cybersecurity expert ranging from Vulnerability Assessments, Penetration Testing, Incident Response, Forensics, Malware Analysis, Intrusion Prevention Systems, and Security Information and Event Management systems. Donny's cybersecurity experience is built on top of 12 years of extensive experience covering both Network Engineering and Information Technology over several industries. Along with certifications such as ISC2 Certified Information Systems Security Professional (CISSP) and IACRB Certified Expert Penetration Tester (CEPT), Donny also holds a Master of Science in Computer Engineering from the University of Kansas.

When

Saturday December 10, 2016 from 10:00 AM to 3:00 PM CST
Add to Calendar

Where
TEKSystem
7421 W 129th St #300
Overland Park, KS 66213

Cost:
Members = $50
Non-members = $70
CPEs = 5

Register Now!

Limited seats – Please register early!

CISSP Study Group
What is the CISSP®? (Certified Information Systems Security Professional)
The vendor-neutral CISSP certification is the ideal credential for those with proven deep technical and managerial competence, skills, experience, and credibility to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks.
Where: TEKsystems 7421 W. 129th Street, Suite 300 Overland Park, KS 66213
When: 6-8 PM
Contact: Mark Waugh (waugh.mark.r@gmail.com)

Thanks,
Director of Education, Larry Dilley
certification@kc.issa.org

ISSA Kansas City Chapter Membership

Please send an email if you have any questions about the ISSA membership and benefits to President@kc.issa.org.

Thanks,
Membership Director, membership@kc.issa.org

Save the Dates —December, 2016

Dec 10 – Into to Ethical Hacking
Dec 15 – ISSA/ISACA Combined meeting
Jan 26- 2017 – Risk management at Brio - Plaza

ISSA Journal

ISSA November 2016 Journal

Members - Please click on the following Journal issue links for access: COMPUTER: Desktop/Laptop: BlueToad | PDF MOBILE: Phone/Tablet: iOS, Android | ePub | Kindle Mobi

Webinars/Conferences

Webinars & Conferences
Webinars are an easy way to stay informed on trending industry developments from the convenience of your own office. In everything from mobile technology to compliance. Webinars and conferences provide insight into topics affecting our industry and your business.

FBI @FBI Students and the FBI

#Students, don't forget to apply for #FBI internship by Oct. 14th - learn about opportunities & apply: https://www.fbijobs.gov/students @FBIJobs

As the nation's top law enforcement and intelligence organization, the FBI offers valuable work experience for students at every education level. With a variety of programs, internships and entry-level career options, the FBI seeks the best and brightest students and recent graduates to bring their knowledge and skills to our diverse workforce.

Opportunities at Every Level

The FBI offers programs designed to give students and recent graduates at every education level an experience like no other. Explore the sections to find out more, https://www.fbijobs.gov/

December, 2016 ISSA and ISACA Joint Chapter Meeting

ISSA-Kansas City & ISACA December 15, Chapter Event

On December 15, 2016 the ISSA-KC Chapter and ISACA members, and other security professionals will hold a meeting at Hereford House Restaurant to network and attend the monthly chapter meeting, with presentation topic.

Jeff Lanza was an FBI Agent for more than 20 years during which he investigated corruption, fraud, and cybercrime and organized crime. He served as chief of internal security for the FBI's Kansas City region. He has provided thousands of presentations on risk management to associations, corporate boards, and employees of major corporations around the world. He appears regularly on CNBC, the Fox News Channel and has informed the public on other national programs including the Today Show, Good Morning America, Dateline and CNN, among others. He holds a Master's Degree in Business Administration.

Topic:
Protecting Your Business from External Threats/Internal Threats

Topic Summary:

Part One - Protecting Your Business from External Threats

1. The Threat
    a. The mastering of electromagnetism
    b. Old vs new heists
    c. The world's greatest hacker
    d. Cyber-criminal organizational chart
    e. Operation Trident Breach
    f. Major security breaches
2. Cyber Attacks Against Business – Prevention
    a. Prevention the compromising of data in motion
    b. Prevention the compromising of data at rest
    c. Whale phishing
    d. Wi-Fi hotspot security
    e. Holding data hostage
    f. Cloud considerations
3. Bank Account Takeovers
    a. Takeover example
    b. Most common words used in phishing emails
    c. Creating security layers to bank account takeovers
        i. Separate computer for financial transactions
        ii. Device security
        iii. Mutual authentication
        iv. Security token
        v. Dual authorization
    d. Technology can fail!
4. Corporate Espionage
    a. The loss
    b. Significant breaches

c. Old fashion spying
d. Trust and employees
e. The need to know principle
f. Authentication and access control

5. Privacy Issues
    a. The state of privacy
    b. Who has your information and what they do with it
    c. Protecting your personal information

Part Two - Protecting Your Business from Internal Threats

1. Embezzlement
    a. Draining Dixon – and embezzlement example
    b. The trusted employee
    c. Other examples
    d. Embezzlement warning signs
    e. Embezzlement prevention strategies
    f. Positive Pay
2. Check fraud
    a. Check fraud vs other payment frauds
    b. Check fraud example
    c. Check fraud deterrence
    d. Mobile check deposit security
    e. Online bill pay
3. What make good people go bad
    a. The state of integrity
    b. Triangle of fraud
    c. FBI cases and current examples
    d. How does it start?
    e. Why is wasn't it enough?
    f. Corporate culture and integrity
    g. Vision and mission
    h. Fraud reporting mechanisms and examples
    i. Ethics flow chart
4. Hiring good people
    a. Qualities to look for in new hires
    b. Background investigations
    c. Interview techniques
    d. Detecting deceit in interviews and investigations
    e. Prevention not aftermath.

-Question and Answer

Location:
Hereford House:
Town Center Plaza, 5001 Town Center Dr, Leawood, KS 66211

Lunch Menu: Kansas City Class BBQ Buffet
Grilled Boneless Chicken Breast, Sliced Brisket and Pork Ribs, Coleslaw, Cheddar, Ranch Potatoes, Sautéed Green Beans, Chef's Dessert Selection, Coffee, Tea

Agenda:
11:30 AM - 12:00 PM - Registration
12:00 PM - 1:00 PM - Lunch
1:00 PM - 3:00 PM – Presentation

Price:
$20.00 for ISSA Members,
$30.00 for Guests/Non-Members

* *Vegetarian option available, please note at registration**.
* *Menu subject to change. **

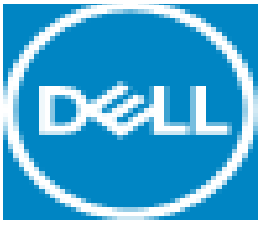
Thank you for your attention and response. We look forward to seeing you at the event. If you have any questions about the event or how to register, please email our RSVP email, or contact the venue for directions. Remember to read our monthly newsletter at **www.kc.issa.org.** See you all on December 15th!

Maximum Reservation: 40
Credit(s): 2 CPE credit

To Register, please use one of the following links:

*** Register ***

The Information Systems Security Association (ISSA) is an international organization providing educational forums, publications and peer interaction opportunities that enhance the knowledge, skills and professionalism. The primary goal of ISSA is to promote management practices that will ensure availability, integrity and confidentiality of organizational resources.



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